



Illinois Environmental Protection Agency 2200 Churchill Road, Springfield, IL 62706

217/782-6762

Refer to: 11780201 11780203 - Nacoupin  
Brighton/Brighton Landfill No. 1 and No. 2

October 19, 1983

Brighton Landfill  
1201 Dunn Road  
St. Louis, Missouri 63138

Gentlemen:

This will acknowledge receipt of your Application for Supplemental Permit to develop a consolidated water monitoring program, dated July 22, 1983, and received by this Agency on July 22, 1983.

Your permit application to develop a consolidated water monitoring program is denied.

You have failed to provide proof that granting this permit would not result in violations of the Illinois Environmental Protection Act. Section 39(a) of the Illinois Environmental Protection Act (Ill. Rev. Stat., 1979, Ch. 111 1/2, par. 1039(a)) requires the Agency to provide the applicant with specific reasons for the denial of permit. The following reason(s) are given:

The application is referred to as App. and Sections of 35 Illinois Administrative Code are referred to as Sec.

1. No monitor wells appear to be proposed for the deep free water surface (App. p. 2 first full paragraph) downgradient of trench 3 (App. Fig. 7), Sec. 725.191(a)(2).
2. The water monitoring program does not appear to include all of the parameters required by 725.192(b)(2) and 725.192(b)(3).
3. Proof of the integrity of monitor well B-3 (App. p. 7) must be provided before a permit is issued, Sec. 725.191(c).
4. Section 725.192(c)(1) requires that pH, specific conductance, total organic carbon and total organic halogen be reported quarterly for one year.

In your reapplication, please address the following:

1. Propose the location of at least two wells to monitor the deep free water downgradient of trench 3.

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2. Propose a sampling and analysis program in compliance with Sec. 725.192.
3. Address the requirement for a groundwater quality assessment program, Sec. 725.193.

Groundwater must be monitored for total coliform bacteria.

Should you wish to reapply or have any questions regarding this application, please contact Robert C. Mulvey at 217/782-3335.

Very truly yours,

A handwritten signature in cursive ink.

Lawrence H. Eastep, P.E., Manager  
Permit Section  
Division of Land Pollution Control  
*R.C.M.*

LME:RCM:sd/8235c/2-3

cc: Southern Region  
Mike Rapps  
Compliance Monitoring, Attn.: Mark Haney  
Sallie Springer  
R.C. Mulvey